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AMENDMENTS TO THE CLAIMS

Listing of claims:

This listing of claims replaces all prior versions and listings of claims in the application.

1. (Previously Presented) A flame retardant polyester artificial hair, comprising 100 parts by weight of (A) a polyester made of one or more of polyalkylene terephthalate or copolymer polyester, which comprises polyalkylene terephthalate as a main component, and 5 to 30 parts by weight of (B) a brominated epoxy flame retardant represented by the following general formula (1):

wherein m represents 30 to 150, and having a monofilament size of 30 to 80 dtex.

- 2. (Previously Presented) The flame retardant polyester artificial hair according to claim 1, wherein the component (B) has a number average molecular weight of 20,000 or more.
- 3. (Previously Presented) The flame retardant polyester artificial hair according to claim 1, wherein the component (A) is a polyester made of at least one polymer selected from

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the group consisting of polyethylene terephthalate, polypropylene terephthalate, and polybutylene terephthalate.

4. (Cancelled)

5. (Previously Presented) The flame retardant polyester artificial hair according to claim 1 or 2, wherein the component (B) is at least one flame retardant selected from the group consisting of brominated epoxy flame retardants represented by the general formulas (5) to (7):

wherein m represents 30 to 150,

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wherein R1 represents a C1-10 alkyl group, n represents 30 to 100, and y represents 0 to 4,

wherein R¹ represents a C₁₋₁₀ alkyl group, n represents 30 to 100, and y represents 0 to 4.

6. (Currently Amended) The flame retardant polyester artificial hair according to claim 2 or 3, wherein the projections on the fiber hair surface are has amorphous projections.

7. (Currently Amended) The flame retardant polyester artificial hair according to claim 2 or 3, wherein the projections on the hair surface has projections which have a major axis Amendment under 37 CFR §1.116

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length of 0.2 to 20 µm, a minor axis length of 0.1 to 10 µm, and a height of 0.1 to 2 µm, respectively.

8. (Previously Presented) The flame retardant polyester artificial hair according to

claim 1, 2, or 3, which is formed from a composition obtained by further mixing the components

(A) and (B) with at least one selected from the group consisting of organic fine particles (C) and

inorganic fine particles (D), and has minute projections on the hair surface.

9. (Previously Presented) The flame retardant polyester artificial hair according to

claim 8, wherein the component (C) is at least one member selected from the group consisting of

a polyarylate, polyamide, fluororesin, silicone resin, crosslinked acrylic resin, and crosslinked

polystyrene.

10. (Previously Presented) The flame retardant polyester artificial hair according to

claim 8, wherein the component (D) is at least one member selected from the group consisting of

calcium carbonate, silicon oxide, titanium oxide, aluminum oxide, zinc oxide, talc, kaolin,

montmorillonite, bentonite, and mica,

11. (Previously Presented) The flame retardant polyester artificial hair according to

claim 1, 2, or 3, which has at least one modified cross-section selected from the group consisting

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of shapes of an ellipse, crossed circles, a cocoon, a potbelly, a dog bone, a ribbon, three to eight

leaves, and a star.

12. (Previously Presented) The flame retardant polyester artificial hair according to

claim 11, wherein the hair cross-section has a shape with two or more circles or flat circles

lapped or brought into contact with each other.

13. (Previously Presented) The flame retardant polyester artificial hair according to

claim 11, wherein the hair cross-section has a shape of three to eight leaves, and the hair is a

modified cross-section hair having a degree of modification represented by the expression (1) of

1.1 to 8

(Expression 1)

Degree of modification = (Circumscribed circle diameter of monofilament cross-

section)/(Inscribed circle diameter of monofilament cross-section).

14. (Previously Presented) The flame retardant polyester artificial hair according to

claim 11, wherein the hair cross-section has a flatness ratio of 1.2 to 4.

15. (Previously Presented) The flame retardant polyester artificial hair according to

claim 11, which is a mixture of a hair having a round cross-section with a hair having at least one

modified cross-section selected from the group consisting of shapes of an ellipse, crossed circles,

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a cocoon, a potbelly, a dog bone, a ribbon, three to eight leaves, and a star, wherein the mixing

ratio of the hair having a round cross-section to the hair having a modified cross-section is 8:2 to

1:9.

16. (Previously Presented) The flame retardant polyester artificial hair according to

claim 1, 2, or 3, further comprising (E) a hydrophilic fiber treating agent attached thereto.

17. (Previously Presented) The flame retardant polyester artificial hair according to

claim 16, wherein the component (E) is at least one member selected from the group consisting

of a polyether compound, fatty acid ester compound, organic amine, organic amide, organic fatty

acid ester, organic amine salt, organic ammonium salt, organic pyridium salt, organic ammonium

salt, organic pyridinium salt, organic picolinium salt, organic fatty acid salt, resinate, organic

sulfonate, organic succinate, organic monosuccinate, organic carboxylate, organic sulfate, and

organic phosphate.

18. (Previously Presented) The flame retardant polyester artificial hair according to

claim 1 or 2, wherein the component (E) is at least one member selected from the group

consisting of polyoxyalkylene alkyl ether, polyoxyalkylene alkenyl ether, and polyoxyalkylene

aryl ether, and their random copolymer polyethers, polyoxyalkylene alkylaryl ether,

polyoxyalkylene alkyl ester, polyoxyalkylene alkenyl ester, and polyoxyalkylene alkylaryl ester.

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19. (Previously Presented) The flame retardant polyester artificial hair according to

claim 16, wherein the component (E) is at least one member selected from the group consisting

of an ethylene oxide-propylene oxide random copolymer polyether (molecular weight MW:

15,000 to 50,000), polyethylene oxide (molecular weight: 100 to 1,000), and polypropylene

oxide (molecular weight: 100 to 1,000).

20. (Previously Presented) The flame retardant polyester artificial hair according to

claim 19, wherein the component (E) is attached to the hair at a weight ratio of 0.01% to 1%.

21. (Previously Presented) The flame retardant polyester artificial hair according to

claim 1, 2, or 3, which is in the form of a non-crimped raw silk.

22. (Previously Presented) The flame retardant polyester artificial hair according to

claim 1, 2, or 3, which is spun dyed hair.

23. (Cancelled)

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